

REMARKS

The Office Action objects to claim 2 because of an informality. The subject matter of claim 2 has been incorporated into claim 14, without the informality. Withdrawal of the rejection is requested.

The Office Action rejects claims 2 and 11 under 35 USC §112. The subject matter of claims 2 and 11 has been incorporated into claims 14 and 10, respectively, without the rejected language. Withdrawal of the rejection is requested.

The Office Action indicates that claims 2, 4, 6, 8, 11 and 13 are allowed. The subject matter of claim 2 has been incorporated into claim 14, the subject matter of claim 4 has been incorporated into claim 3, the subject matter of claim 6 has been incorporated into claim 5, claim 8 has been written in independent form and claims 9 and 10 have been amended to include the features of claim 8. Accordingly, it is submitted that all claims are in condition for allowance.

The Office Action rejects claims 1, 5, 9 and 10 under 35 USC §102 over Kondou (US Pat 6,377,017). The rejection of claims 5, 9 and 10 is overcome by the amendment of the claims mentioned above.

Kondou does not disclose or suggest a controller that generates a value x_d as said d-axis difference signal, and a value x_q as said q-axis difference signal, based on factors including an inductance of the motor and an electric resistance of the motor, as recited in claim 1. In Kondou, the contribution (rate) is changed between 0% and 100% during low speed and high speed. Kondou does not disclose or suggest generating difference signals based on an inductance and electric resistance of the motor, and thus does not anticipate claim 1 (or any of the claims dependent therefrom). Withdrawal of the rejection is requested.

In view of the foregoing remarks, Applicants respectfully submit that the claims as presently written are allowable and an early and favorable action to that effect is respectfully requested.

The Examiner is invited to contact the undersigned at (202) 220-4200 to discuss any matter concerning this application.

The Office is authorized to charge any additional fees under 37 C.F.R. § 1.16 or
§ 1.17 or credit of any overpayment to Kenyon & Kenyon Deposit Account No. 11-0600.

Respectfully submitted,



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Dated: January 29, 2004

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